

# CANTER 2.0t

**FE83P**  
4x2 Diesel

**WIDE CAB**



**MODEL**  
FE83PC4SRFAA swb  
FE83PE4SRFAA mwb

**W/Base**  
2750mm  
3350mm

**GVM**  
4495kg  
4495kg

**GCM**  
7995kg  
7995kg

## ENGINE

**Mitsubishi 4D34-3AT3B Diesel (ADR 80/00)**  
Configuration: 4 Cyl. In-line OHV  
Type: Turbocharged and Intercooled with Quick Heat Glow Plugs and Catalytic Converter  
Displacement: 3907cc  
Bore x Stroke: 104 x 115mm  
Power (ECE R85-00): 103kW @ 2900 rpm  
Torque (ECE R85-00): 365Nm @ 1600 rpm  
Maximum Engine Speed: 3400 rpm  
Compression Ratio: 18.0:1  
Oil Cooler: Plate Type, Water Cooled

## FUEL

Pump: MD-TICS (pre-stroke control) In-line Type  
Governor: RED-III Electronic  
Controls: Key Operated Start/Fuel, Engine Idle and Engine Emergency Stop  
Filtration: Main Filter and Water Separator  
Fuel Capacity: 100 Litres with Locking Fuel Cap  
Air Cleaner: Dry Paper Element with Vertical Intake

## COOLING

Fan: 430mm dia. 8 Blades  
Fan Drive: Thermo Modulated  
Radiator: Corrugated Fin with Expansion Tank

## ELECTRICAL

Voltage: 12V Negative Earth  
Alternator Capacity: 12V-100 amp  
Starter Capacity: 12V-3.0kW  
Battery Capacity: 2x12V, 110Ah/20hr in Parallel  
Headlamp: 2x55/60W Quartz Halogen

## CLUTCH

**Mitsubishi C4W30D**  
Disc Diameter: 300mm  
Type: Single Dry Plate  
Operation: Hydraulic with Direct Power Cylinder  
Facing - Area: Asbestos Free - 846cm<sup>2</sup>

## TRANSMISSION

**Mitsubishi M035S5**  
No. of Speeds: 5 with In-Dash Gearshift Control  
Synchromesh: 2nd~5th  
Ratios - 1st: 5.380  
- 2nd: 3.028  
- 3rd: 1.700  
- 4th: 1.000  
- 5th: 0.722  
- Rev. 5.380  
PTO Opening: LH Side

## PROPELLER SHAFT

Type: P3  
Universal Joint: Needle Roller

## FRONT AXLE

Type: Reverse Elliot '1' Beam  
Capacity - Axle: 2300kg  
Max. Axle Load Rating at Ground: 2300kg

## REAR AXLE

**Mitsubishi D033H**  
Type: Full Floating Hypoid  
Capacity - Axle: 3300kg  
Max. Axle Load Rating at Ground: 3300kg  
Ratio: 4.875:1

## STEERING

Type: Integral Power Assisted Ball and Nut  
Ratio: 22.6:1  
Steering Wheel: 400mm Urethane  
Steering Column: Tilt/Telescopic Adjustable with Lock

## BRAKES

Type: Vacuum Assisted Hydraulic Dual Circuit with ABS (anti-lock braking system) and Automatic Brake Adjustment  
Size - Front: 320x75mm  
- Rear: 320x75mm  
Lining - Area/Swept: Asbestos Free - 2088/3017cm<sup>2</sup>  
Park Brake: Transmission Mounted  
Auxiliary: Exhaust Brake  
Vacuum Reservoir Capacity: 4.0 Litres

## FRONT SUSPENSION

Type: Long Taper Leaf with Stabiliser Bar  
Size: 1200x70x16mm-2 Leaves  
Capacity at Ground: 1300kg ea.  
Shock Absorbers: Double Acting

## REAR SUSPENSION

Type: Semi-Elliptic Leaf with Stabiliser Bar  
Size: 1250x70x11mm-5 Leaves  
10mm-1  
Auxiliary: 990x70x9mm-2 Leaves  
8mm-4  
Capacity at Ground: 2100kg ea.  
Shock Absorbers: Double Acting

## CHASSIS

Type: Reinforced Tapered Channel  
Size: 193x60x6.0mm  
Width: 753mm  
Tensile Strength: 440 MPa

## WHEELS & TYRES

Wheel - Type: 7, Single Piece Disc  
- Size: 16x5.5K-115-9t  
- Stud Pattern: 5x208mm PCD  
Tyre - Size: 205/85R16LT 117/115L  
Spare Tyre Carrier: Provided

## OPTIONAL EQUIPMENT

R36: Driver's Air Bag & Seat Belt Pre-Tensioner

## MASS (kg - estimated)

Model	Front	Rear	Total
FE83PC4SRFAA	1550	650	2200
FE83PE4SRFAA	1565	665	2230

Note: Mass (est.) includes oil and water but excludes spare wheel, tools and fuel.

## DIMENSIONS (mm)

		FE83PC 4SRFAA	FE83PE 4SRFAA
Width	Front Fender:	1995	1995
	Rear Axle:	1936	1936
	Front Track:	1655	1655
	Rear Track:	1495	1495
	Frame:	753	753
	Max. Body Width - General Application:	2300	2300
Length	A Overall:	5200	6015
	C Front Overhang:	1145	1145
	D Wheelbase:	2750	3350
	G Front Axle to Rear of Cab:	525	525
	H Rear of Cab to Air Intake Snorkel:	38	38
	I Frame, Air Intake to Rear Axle:	2187	2787
Height	J Frame, Rear Axle to End:	1265	1480
	P Cab to Ground:	2185	2185
	Q Cab to Frame:	1514	1514
	R Rear Frame to Ground:	770	770
	Ground Clearance:	185	185

### CAB FEATURES

#### All Steel Forward Control (ECE R29)

Type: Manual Tilt 45°  
 Mounting: Hydroelastic 4 Point  
 Colour: Natural White  
 Interior: Fully Trimmed  
 Windscreen: Laminated Tinted  
 Windscreen Wipers: 2 Speed - Intermittent Cycle with Integrated Washer Nozzles  
 Rear Vision Mirrors: 1 x Internal  
 2 x External Convex (ECE R46) - Heated  
 Seating Capacity: 3  
 Seat Belts: 2 ELR Lap Sash, 1 Lap Seats  
 Driver: - 228mm Sliding  
 - 47° Reclining  
 - Headrest and Fabric Trim

LH: - Flat Folding, 2 Passenger Bench  
 Type with Reclining Adjustment  
 - LH Headrest and Fabric Trim

### PERFORMANCE (Calculated - Paved Road)

Road Speed (km/h) at Max. Engine Speed:	133	133
Gradeability at Rated GVM:	64.6%	64.6%
Gradeability at Rated GCM:	31.5%	31.5%
Turning Circle (kerb to kerb):	10.2m	12.0m

### INSTRUMENTS

#### Gauges:

- Speedometer with Odometer and Dual Tripmeter
- Tachometer
- Fuel Level, Water Temperature

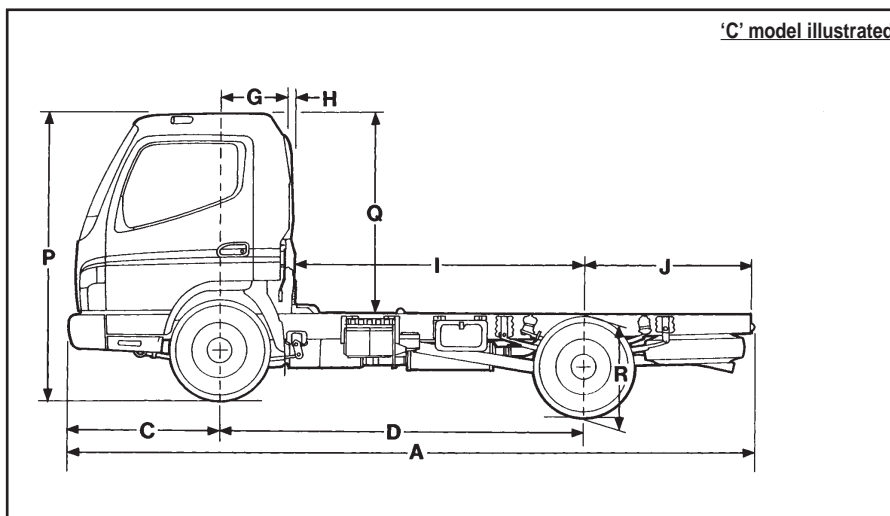
#### Warning Lamps:

- High Beam
- Turn Signal/Hazard Warning
- Park Brake/Brake Dual Circuit
- Exhaust Brake, Low Vacuum, ABS
- Engine Pre-Heat
- Alternator
- Low Oil Pressure
- Engine Control (ECU)
- Heated Mirrors
- SRS Air Bag (R36 opt. only)

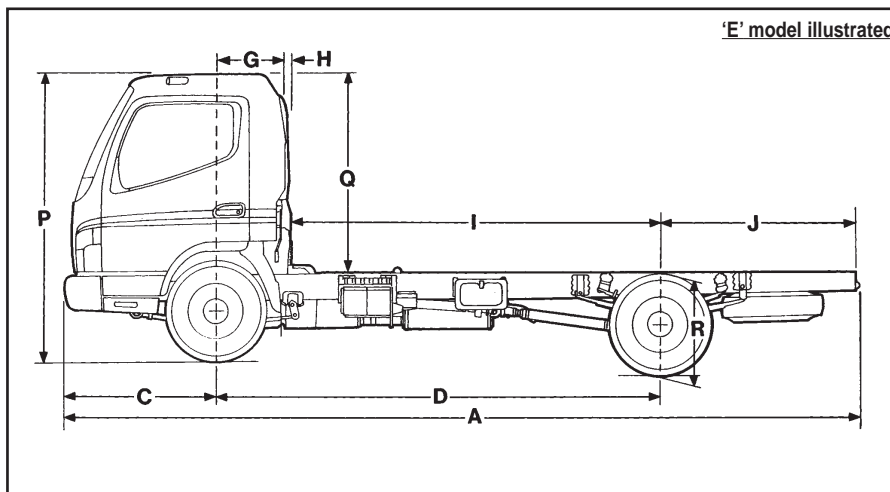
### STANDARD EQUIPMENT

- Electric Windows
- Keyless Central Locking
- Door Side Impact Beams
- Tinted Side and Rear Glass
- Air Conditioner/Heater Demister
- AM/FM ETR Radio with CD Player and Digital Clock
- Dash Storage Tray, 2 DIN Glove Compartment
- RH Overhead, Map and Door Storage Pockets
- Floor Console, LH Seat Back Trays
- Cup Holders (2)
- Coat Hooks
- Interior Sun Visors
- Fluorescent Cabin Lamp
- Interior Dome Lamp with Delay Function
- Front End-Outline Marker Lamps
- Cigar Lighter
- Engine Access Panel
- Roof Mounting Points (max. static load 50kg)
- Electric Horn
- Reverse Warning Buzzer
- Tool Kit
- Chassis Mounted Tool Box

'C' model illustrated



'E' model illustrated



Note: Chassis reinforcement must be utilised for Tipper/Demountable type body configurations.

To conform with ADR 13/. and 14/. (lighting/mirror requirements) the following must be adhered to at body installation.

- If overall width exceeds 2.1 metres and other than a flat type or tipper body is fitted, rear end-outline marker lamps must be installed.
- If overall length exceeds 6.0 metres, side reflectors must be installed.
- If overall width exceeds 2.1 metres and length exceeds 7.5 metres, side marker lamps must be installed.
- If overall width is less than 2.2m, the mirrors must be modified to project not more than 230mm.

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